



EXISTING SIGNS

22,23, 25,28: R 3-5(L) 30" x 36" ONLY

24,27,30: R 3-5(R) 30" x 36" ONLY

26: R 3-6(L) 30" x 36"

29: R 3-5(R) 30" x 36" Fiber Optic Sign

21a: Metzert Rd ←

21b: Metzert Rd →

D-3(1) 16" x 96" (Dual Faced)

R 10-4(1) 9" x 12" (To Be Installed With Pushbutton)

PROPOSED SIGNS

31a: Paint Branch Rd ←

31b: Paint Branch Rd →

D-3(1) 16" x 96" (Dual Faced)

34: EAST 193 WEST

M95-2 36" x 72" (Ground Mount)

35: WEST 193 EAST

M95-2 36" x 72" (Ground Mount)

EXISTING SIGNALS

1,5,6: R, Y, G 12"

7,8,11,14: R, Y, G 12"

9,10,13: R, Y, G 12"

15-17, 19,20: 12"

EXISTING VIDEO DETECTOR

32-35

REMOVE SIGNAL

12: R, Y, G 12"

PROPOSED SIGNALS

2: R, Y, G 12"

3,4: R, Y, G 12"

18: 12"

EXISTING NEMA PHASING

Ø 1, Ø 2, Ø 3, Ø 4, Ø 5, Ø 6, Ø 3 Alt, FLASHING OPERATION

- CONSTRUCTION DETAILS**
- A. Use existing base mounted NEMA 6 cabinet/controller, and all attached equipment.
 - B. Install 27 ft. steel mast arm pole with 70 ft. mast arm, vehicle signal heads signs, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
 - C. Use existing steel mast arm pole and mast arm, realign vehicle signal head, and video detector as shown. Remove back guy.
 - D. Use existing steel mast arm pole and mast arm, remove existing vehicle head as shown.
 - E. Install handhole on existing conduit run.
 - F. Install 10 ft. steel pedestal pole on break away base with pedestrian signal head, pedestrian pushbutton, and pedestrian pushbutton sign (Note: one 2 in. PVC conduit bend).
 - G. Use existing handhole.
 - H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
 - J. Use existing conduit.
 - K. Remove existing handhole.
 - L. Cap and abandon existing conduit.
 - M. Remove existing steel pole and all attached equipment.
 - N. Use existing handhole. Pull back existing cable from existing steel poles and rerun in new conduit to new pedestrian pedestal pole.
 - O. Remove span wire and all attached equipment.
 - P. Install crosswalk upon completion of final paving.
 - Q. Install stop line upon completion of final paving.
 - R. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
 - S. Remove wood pole and back guy.
 - T. Install ground mounted sign as shown.
 - U. Proposed pavement markings by others.

- NOTES**
1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
 2. Loop detectors and conduits shall be installed prior to the installation of pavement markings and final course of pavement.
 3. Pavement markings detailed are proposed and are to be installed by the Signal Contractor in accordance with S.H.A. standards. All other pavement markings will be installed as part of the SHA project.
 4. Revision 'E' is a revision to the traffic signal built in September, 1973 under S.H.A. Contract No.: P-337-001-385.
 5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

GEOMETRIC LEGEND

— EXISTING GEOMETRICS

— PROPOSED GEOMETRICS

UTILITY LEGEND

— GAS MAIN

— WATER MAIN

— SEWER MAIN

— ELECTRIC CABLES

— STORM DRAIN

— AERIAL CABLES

— TELEPHONE CABLES

REVISIONS

NO.	DESCRIPTION	DATE
1	Reconstruct for new geometrics.	February 5, 2001

S.H.A. No. *[Signature]*

M.O.T Phase 3 Ultimate Traffic Signal Plan

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

(Traffic Signal Plan)

MD 193 at Metzert Rd /Rel. Paint Branch Dr

DRAWN BY: H. Kilian

CHECKED BY: W. Fitch

SCALE: 1" = 20'

DATE: September 7, 1973

F.A.P. NO. N/A

S.H.A. NO. P-337-001-385

COUNTY: Prince George's

LOG MILE: 16019.303.44

TS NO. 1034-E

T.I.M.S. NO. D-998

SHEET NO. 3 OF 4

Revision "E"

The Traffic Group

The Traffic Group, Inc.

410-931-6600

Fax 410-931-6601

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